

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**PATENT APPLICATION**

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11-14-03

Applicant: **Gregory ENGARGIOLA**

Atty. Doc. No.: **UCB-1 (B02-033)**

Serial No.: **09/963,888**

Filed: **September 19, 2001**

Group Art Unit:

Confirmation No.: **9216**

Examiner:

Title: **METALLIC SELF-SIMILAR SHIELD FOR FACILITATING  
CONNECTION OF A LOW NOISE AMPLIFIER INSIDE A  
NON-PLANAR, MULTIARM, LOG-PERIODIC ANTENNA**

Commissioner for Patents  
Attn: Ms. Marcia Robinson  
Customer Service  
USPTO Office of Initial Patent Examination  
Crystal Plaza Building 2, Room 1B03  
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Arlington, VA 22202

S I R:

**PRELIMINARY AMENDMENT**

Please amend the above-identified patent  
application, as follows:

**IN THE SPECIFICATION-**

To facilitate entry of the numerous specification changes,  
the Applicant has submitted herewith a marked-up  
specification which depicts all the changes along with a  
substitute specification which incorporates all changes.